1	ILLINOIS EPA PUBLIC HEARING
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4	Clean Air Act Permit Program (CAAPP) Draft Permit
5	The Premcor Refining Group, Inc.
6	Hartford Distribution Center
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9	Date: July 13, 2004
10	Time: 7:00 p.m.
11	Place: Village of Hartford Recreational Building
12	715 North Delmar
13	Hartford, Illinois
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19	REPORTED BY:
20	MITCHELL & MCNEIL REPORTING Tammie M. McNeil, CSR, RPR
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24	

- 1 MR. MATOESIAN: We're going to go ahead and
- 2 start. Good evening, ladies and gentlemen. My name is
- 3 Charles Matoesian. I will be the hearing officer
- 4 tonight. This hearing is being held by the Illinois
- 5 Environ -- this is being held by the Environmental
- 6 Protection Agency, Bureau of Air, concerning the
- 7 proposed issuance of a Clean Air Act Permit Program
- 8 permit, or CAAPP permit, for the Premcor Refining Group
- 9 in Hartford.
- 10 The Premcor Refining Group has requested that
- 11 the Illinois Environmental Protection Agency issue a
- 12 Clean Air Act Permit Program permit for its Hartford
- 13 Distribution Center located at 201 East Hawthorne in
- 14 Hartford. The Hartford Distribution Center is petroleum
- 15 bulk storage and loading terminal. The CAAPP is
- 16 Illinois' operating permit program for major sources of
- 17 emissions, as required by Title V of the Clean Air Act.
- 18 The conditions of CAAPP permits are enforceable by the
- 19 public, as well as by the United States Environmental
- 20 Protection Agency and the Illinois Environmental
- 21 Protection Agency. CAAPP permits may contain new and
- 22 revised conditions established under permit programs for
- $23\,\,$ new and modified emission units, pursuant to Title I of
- 24 the Federal Clean Air Act, thereby making them combined

- 1 Title V and Title I permits.
- 2 The purpose of this hearing is to receive
- 3 comment and answer questions from the public prior to
- 4 making a final decision concerning the draft permit.
- 5 And one clarification here, the public notice
- 6 erroneously stated there were two draft permits. That
- 7 was a mistake. There's only one permit, the draft CAAPP
- 8 permit.
- 9 This hearing is being held under the Illinois
- 10 EPA's Procedures for Permit and Closure Plans,
- 11 regulations found at 35 Illinois Administrative Code,
- 12 Part 166, Subpart A. Lengthy comments and questions
- 13 should be submitted in writing. Written comments must
- 14 be sent to myself, the hearing officer, and be
- 15 postmarked by midnight, August 12th, 2004. Written
- 16 comments need not be notarized. Again, send those
- 17 comments to myself, Charles Matoesian, Hearing Officer,
- 18 Division of Legal Counsel at the Illinois EPA, 1021
- 19 North Grand Avenue East, Springfield, Illinois, 62794-
- 20 9276, and this information is available on the sheet at
- 21 the check-in table.
- 22 After I speak -- after my introduction, that
- 23 is, there will be a presentation by Mr. Dan Punzak,
- 24 Acting Permit Unit Manager and Refinery Specialist for

- 1 the Bureau of Air, and by Mr. Sinil Suthar, Draft CAAPP
- 2 Permit Reviewer.
- 3 On behalf of Renee Cipriano, Director of the
- 4 Illinois Environmental Protection Agency, the Bureau of
- 5 Air, and the Agency itself, I thank you all for coming,
- 6 and now Mr. Punzak will speak.
- 7 MR. PUNZAK: Good evening. Thank you again for
- 8 coming to tonight's hearing. I am going to provide some
- 9 general background information for tonight's hearing;
- 10 however, first I want to stress that we are here to
- 11 discuss an operating permit for Premcor's Hartford
- 12 Distribution Center. As an operating permit, this would
- 13 not address or authorize construction of any new
- 14 emission units to the operation.
- This operating permit would be issued pursuant
- 16 to Title V of the Federal Clean Air Act, which created a
- 17 federal operating permit program for major sources of
- 18 emissions. Nationally, this program is known as the
- 19 Title V or Part 70 Permit program. In Illinois, this
- 20 program is known as the Clean Air Act Permit Program.
- 21 The acronym is CAAPP, pronounced cap. The terms CAAPP
- 22 and Title V are synonymous in Illinois, and we often use
- 23 these two terms interchangeably in Illinois when
- 24 referring to these permits.

- 1 I want to share with you what the United States
- 2 EPA says about the Title V permit. Quote, "The purpose
- 3 of Title V permits is to reduce violations of air
- 4 pollution laws and improve enforcement of those laws,"
- 5 unquote.
- 6 Title V of the Clean Air Act achieves its
- 7 objectives first by requiring that each major source to
- 8 be covered by a comprehensive single permit that
- 9 addresses all the emission units and activities at the
- 10 source. Before Title V, a major source in Illinois
- 11 could have several operating permits, each one
- 12 addressing different operations at the source.
- 13 Second, Clean Air Act permits must be
- 14 comprehensive, addressing all applicable air pollution
- 15 control requirements. This will improve the awareness
- 16 and understanding of the emission standards that apply
- 17 to a source and the various compliance procedure with
- 18 these standards that a source must carry out. Given the
- 19 complexity of the state and federal requirements for air
- 20 pollution control, it is widely accepted that a
- 21 comprehensive permit will facilitate compliance by a
- 22 major source, as that permit summarizes and acts to
- 23 guide -- as guide to the various requirements that apply
- 24 to the source. This is certainly very important for the

- 1 general public who may be unfamiliar with the rules that
- 2 apply to a source. A comprehensive permit is certainly
- 3 important for the various management and operating
- 4 personnel at a source, so that obligations are
- 5 understood and nothing is neglected or overlooked. A
- 6 comprehensive permit is also important for the staff of
- 7 the Illinois EPA as it facilitates a thorough and
- 8 consistent approach into various activities that we
- 9 undertake to verify and track compliance.
- 10 Third, Clean Air Act permits add to the
- 11 compliance checks put on a source, thereby providing
- 12 additional protection of our air quality. As such, the
- 13 public should generally endorse the issuance of these
- 14 permits, especially for sources with which they have
- 15 concerns about emissions. Quite simply, air quality is
- 16 better protected if a major source is covered by a Clean
- 17 Air Act permit.
- One comprehensive benefit of Clean Air Act
- 19 permits is gap filling. Clean Air Act permits can fill
- 20 in gaps in the record keeping and other compliance
- 21 procedures contained in existing rules, requiring
- 22 sources to carry out additional procedures to show
- 23 compliance with applicable control requirements. This
- 24 is particularly important for some of the older air

- 1 pollution control rules, where emission control
- 2 requirements were adopted where rule making did not
- 3 address or specify any associated compliance procedures.
- 4 The other major compliance benefit of Clean Act
- 5 Permits is additional reporting by a source related to
- 6 compliance. Effectively, Clean Air Act permits make
- 7 sources publicly accountable for their compliance
- 8 status. This is first accomplished by requiring a
- 9 source to promptly report all deviations from applicable
- 10 requirements. Depending on the nature and significance
- 11 of the deviations, reporting may be required
- 12 immediately, within 30 days, or in a regular quarterly
- 13 or semi-annual compliance report. Second, sources are
- 14 held directly accountable for their compliance status
- 15 because on an annual basis, they must submit a
- 16 compliance certification. This requires a source to
- 17 review its compliance status during the previous year
- 18 and formally report its findings, including a
- 19 determination whether each permit unit was in full
- 20 compliance, intermittent compliance, or noncompliance
- 21 during the previous year.
- 22 Accordingly, issuance of a Clean Air Act permit
- 23 to Premcor's Distribution Center is a good thing. A
- 24 permit would help assure that this plant fully complies

- 1 with the existing limits and other regulatory
- 2 requirements that restrict its emissions. A permit will
- 3 do this by summarizing emission control requirements in
- 4 a single comprehensive -- in a single comprehensive
- 5 permit, clarifying the provisions of certain rules,
- 6 filling in certain gaps in the compliance procedures in
- 7 existing rules, and requiring additional reporting
- 8 related to compliance. We are certainly interested in
- 9 any suggestions that you may have to improve the permit
- 10 in this regard. However, it should be understood that
- 11 plants like this plant are already some of the most
- 12 closely monitored sources in the state, with continuous
- 13 emission monitors already in place for various
- 14 emissions, particularly volatile organic materials.
- 15 At the same time, the Clean Air Act permit for
- 16 this distribution center is not a means to generally set
- 17 new requirements to control emissions from this source.
- 18 We do not have broad legal authority in Clean Air Act
- 19 permits to establish new requirements to further control
- 20 emissions from existing sources. Instead, the
- 21 development of control requirements for existing
- 22 sources, like this distribution center, generally occurs
- 23 with the adoption of new laws and rules. This ensures
- 24 that all sources in a particular category are considered

- 1 and treated fairly and that overall environmental goals
- 2 are efficiently achieved.
- 3 As a final topic with respect to tonight's
- 4 hearing, we are here to provide you with information.
- 5 More importantly, we are here to listen to your comments
- 6 and concerns. Your comments can and often do affect the
- 7 content of permits. So please, make your concerns known
- 8 to us. Following consideration of your comments, we
- 9 will prepare a revised permit, known as a proposed
- 10 permit, which will be sent to the USEPA for its review.
- 11 It is very important that you state your concerns,
- 12 either at this hearing or in written comments, so that
- 13 as possible and legally allowed, we can address them in
- 14 the proposed permit. When USEPA reviews the proposed
- 15 permit, USEPA will also be interested in seeing your
- 16 comments and how we address them. This is only possible
- 17 if you state any concerns that you may have either here
- 18 tonight on the hearing record, or alternatively, send
- 19 the comments to us in writing prior to the close of the
- 20 comment period. This is also necessary to establish
- 21 your rights should you eventually wish to object to the
- 22 permit issued to this operation.
- 23 That concludes my opening remarks. I'd now
- 24 would like to turn the microphone over to Sinil Suthar

- 1 to provide a brief description of the Hartford
- 2 Distribution Center.
- MR. SUTHAR: Good evening. My name is Sinil
- 4 Suthar, and I'm the permit analyst out of the Bureau of
- 5 Air, and I was assigned to draft the Title V permit for
- 6 Premcor, the Hartford Distribution Center. I think the
- 7 best way to proceed is just to kind of walk you through
- 8 this document and tell you where things are at that you
- 9 can look for or maybe you have already noticed that you
- 10 want to discuss.
- 11 Table 2 starts out with a Table of Contents,
- 12 and to make things short and sweet, basically, what you
- 13 probably want to look for or look at are -- the most
- 14 important things would be in all of the unit 7's, 7.1,
- 15 7.2, all the way through to 7.8, as they're laid out in
- 16 the permit. Everything outside of the section 7's is
- 17 what we call boiler plate language. It's -- it's pretty
- 18 much the same in every Title V permit that you pick up,
- 19 either for this facility or other facilities around the
- 20 state. So the most -- the meat of this -- this meal, if
- 21 you will, is in the unit 7's, from 7.1, all the way
- 22 through 7.8. Basically, all the emission units that the
- 23 facility provided an application for that they wanted
- 24 permitted are located all in Unit 7.

- 1 Starting -- starting off with Unit 7.1, the
- 2 vapor control system for the facility is documented
- 3 there, with the control of the thermal treatment unit
- 4 or --
- 5 MS. ANDRIA: Can you step back from the mic?
- 6 MR. SUTHAR: Too close, okay. So 7.1 is the
- 7 vapor control system, and its control is the thermal
- 8 treatment unit or enclosed flare.
- 9 Unit 2, or 7.2, is the actual river dock or
- 10 marine vessel loading system. And, of course, the
- 11 control for this unit is vapor recovery unit.
- 12 7.3 is external floating roof tanks, and there
- 13 may be several tanks within 7.3, and you can look at the
- 14 description going all the way to 7.3, it lays out how
- 15 many tanks and other details of descriptions of the
- 16 tanks. Of course, the controls, the floating roof,
- 17 double seals and submerged loading exist for 7.3.
- 18 7.4 deals with internal floating roof storage
- 19 tanks. Once again, there may be more than one tank
- 20 located in this unit. If you look at the description,
- 21 again, on 7.4, it will tell you how many units there
- 22 are. Once again, the controls for each are the floating
- 23 roof and seals, permanent submerged loading.
- 7.5 deals with the wastewater treatment system

- 1 of the facility.
- 2 7.6 deals with fugitive emissions from paved
- 3 and unpaved roadways.
- 4 7.7 deals with fugitive VOM emissions from
- 5 leaking river dock flare components. And the control
- 6 for this unit in 7.7 is a program what's called the Leak
- 7 Detection and Repair Program.
- 8 7.8 deals with gasoline storage tanks at the
- 9 facility. Once again, there may be more than one, and
- 10 that is the bare -- that is the meat, if you will, of
- 11 this meal.
- 12 Looking at the other sections, Section 5 of
- 13 this document, if you go down the Table of Contents, it
- 14 will describe -- has a source description, some
- 15 applicable regulations, some non-applicability
- 16 regulations.
- 17 If you go down and just look, it's all pretty
- 18 self-explanatory. Once again, everything outside of
- 19 Section 7's is general boiler plate language that is
- 20 included in all of our Title V permits.
- 21 One thing I can -- one more thing I would like
- 22 to do, if I could, is if you look at 7.1, just to kind
- 23 of guide you through all the Section 7's, the details of
- 24 all the Unit 7's, they're laid out in a way that in the

- 1 beginning, 7.1 would be a description of each unit.
- 2 7.2 lists each unit and the year that they were
- 3 constructed, and that's important because it would tell
- 4 us what rules and regulations might apply, depending on
- 5 when it was constructed.
- 6 7.1.3, once again, this applies to all the Unit
- 7 7's, 7.2.3 is going to be labeled the same way. 7.1.3
- 8 is applicability provisions and applicable regulations.
- 9 That deals with any state or federal rules that apply to
- 10 the facility or this particular unit, depending on when
- 11 it was constructed, the year it was constructed.
- 7.1.4 deals with non-applicability of
- 13 regulations.
- 7.1.5, once again, in all the other units,
- 15 7.2.5, 7.3.5, whatever that unit corresponds to, it
- 16 tells you about the operation and production limits and
- 17 word practices.
- 7.1.6 or 7.2.6, for whichever unit, deals with
- 19 emission limitations, and these are the limitations we
- 20 have set, once again, based on the date of construction
- 21 of that particular unit and which rules and regulations
- 22 apply to that unit.
- 7.1.7, deals with operating requirements. And
- 24 once again, those requirements come from either state

- 1 regulations or federal regulations that apply to that
- 2 particular unit.
- 3 7.1.8 deals with the monitoring requirements.
- 4 Same thing, these often come from the regulations,
- 5 whether they be state or federal.
- 6 Record keeping requirements is 7.1.9.
- 7 7.1.10, deals with reporting requirements that
- 8 the facility has to submit to the Agency.
- 9 7.1.11, any operational flexibility/
- 10 anticipated operating scenarios. Of course, there's
- 11 nothing in this unit for that. Sometimes that can vary,
- 12 depending on what unit we're talking about. There is
- 13 some room for play, depending on certain situations.
- 14 And once again, that's on a case by case basis. We'll
- 15 fill in information in 7.1.11 only after we've
- 16 determined that it's pertinent, and it's okay to do so.
- 17 7.1.12 is the compliance procedures that that
- 18 particular unit would have to demonstrate or have to
- 19 tell us what type of emissions they have using these
- 20 procedures, whether they be emission factors, whether
- 21 they be specific formulas from out of guidance from the
- 22 USEPA.
- 23 Basically, that is -- that is the essential
- 24 part of the Title V permit. And once again, each --

- 1 each Unit 7 deals with whatever particular piece of
- 2 equipment or emission unit that this facility would like
- 3 to have permitted in this permit, and that's the way I
- 4 have drafted this permit is based on the application
- 5 that I received from the facility.
- I think I wanted to stop there for right now.
- 7 If there are any questions, we can possibly go ahead and
- 8 talk about some of the things in the permit that you
- 9 want to discuss or you might have questions about, and
- 10 any one of us will try to answer those questions.
- MS. ANDRIA: Can we ask our questions, if we
- 12 have a number of questions, can we wait until we start
- 13 our comments?
- 14 ARBITRATOR MATHIS: Yes.
- MR. SUTHAR: Sure.
- 16 ARBITRATOR MATHIS: Thank you. We'll open the
- 17 floor to public comments now, starting with Mr. Steve
- 18 Mulkey from Premcor, who will make a short statement.
- 19 If you wish to make statements or ask
- 20 questions, please go to the microphone in the middle of
- 21 the room and state and spell your name for the record.
- 22 Thank you.
- MR. MULKEY: Good evening. My name is Steve
- 24 Mulkey, that's M-u-l-k-e-y.

- 1 ARBITRATOR MATHIS: Can you --
- 2 MR. MULKEY: Can you not hear me? Is that
- 3 better?
- 4 Okay. I'm currently the environmental
- 5 remediation manager for the Premcor Refining Group. My
- 6 office is located at Premcor's Hartford Distribution
- 7 Center. I'd like to start off by thanking the Illinois
- 8 Environmental Protection Agency for the opportunity to
- 9 offer this statement regarding the final draft of the
- 10 Clean Air Act Permit Program permit for Premcor's
- 11 Hartford Distribution Center.
- 12 Premcor has been working with the Illinois EPA
- 13 for a number of years toward the successful issuance of
- 14 this permit for our existing operations, and will
- 15 continue to work with the Agency to ensure the goals of
- 16 this permit are accomplished.
- 17 Premcor's Hartford Distribution Center has been
- 18 in existence since the refinery shut down in October
- 19 2002. The Hartford Distribution Center is a petroleum
- 20 bulk storage and loading terminal. We currently have
- 21 about 25 company employees at Hartford that either work
- 22 at the terminal, or like myself, have an office at the
- 23 terminal. In addition, we typically employ 15 to 20
- 24 full-time contractors at the site.

- 1 We continue to make improvements to our
- 2 facilities. In the past year, we have spent
- 3 approximately 1 million dollars making improvements to
- 4 the wastewater treating unit at the Hartford
- 5 Distribution Center. We believe the operations covered
- 6 by this permit will continue to have a positive economic
- 7 impact on the Hartford community as a whole and for our
- 8 employees, our contractors, and their respective
- 9 families.
- 10 Further, this permit includes requirements for
- 11 the continued use of extensive pollution control
- 12 equipment, along with monitoring, record keeping and
- 13 reporting requirements, resulting in protection of human
- 14 health and the environment.
- 15 In conclusion, the Premcor Refining Group
- 16 requests finalization in granting the final draft permit
- 17 for the Hartford Distribution Center. This permit is
- 18 critical to the survival of the Hartford Distribution
- 19 Center and the continued supply of petroleum products to
- 20 this region. It is also of great importance to our
- 21 employees, local businesses, labor unions, the
- 22 surrounding community, who depend on the facility as a
- 23 tax base, and the Village of Hartford.
- We at Premcor look forward to and are committed

- 1 to continuing to work with the Illinois EPA and the
- 2 Hartford community towards the issuance -- issuance of
- 3 this permit and the successful continued operation of
- 4 this facility.
- 5 Again, we thank the Agency for the opportunity
- 6 to comment at this hearing, and thank the members of the
- 7 public for taking time to participate in this process.
- 8 Thank you.
- 9 MR. MATOESIAN: Thank you, Mr. Mulkey. The
- 10 next speaker I have listed is Kathleen Logan Smith.
- 11 MS. SMITH: I'll wait.
- MR. MATOESIAN: You'll wait, okay. The next
- 13 speaker, then, is Kathy Andria.
- MS. ANDRIA: I would like to defer to the
- 15 residents of Hartford.
- MR. MATOESIAN: Is there anyone from Hartford
- 17 who would like to speak first?
- I have Jim Bensman from Wood River, that's
- 19 close, if you would like to speak now.
- MR. BENSMAN: No, I'll wait.
- 21 MR. MATOESIAN: All right. We're back to the
- 22 beginning, Kathleen Logan Smith.
- MR. MATOESIAN: Okay. Kathy Andria will go.
- 24 MS. ANDRIA: Would it be okay if I kind of move

- 1 this up to the table so I can put my things down?
- 2 MR. MATOESIAN: That's fine.
- 3 MS. ANDRIA: Can you hear me? Okay. First, I
- 4 wanted to say my name is Kathy Andria, K-a-t-h-y,
- 5 Andria, A-n-d-r-i-a, sorry, I forget, I'm with the
- 6 American Bottoms Conservancy. We are based in St.
- 7 Louis, and we all work on environmental issues from
- 8 Alton, down to the tip of the Kaskaskia River.
- 9 We very much support the Title V program, and
- 10 we think that there is nothing more important than
- 11 having sources and emissions publicly enforceable, and
- 12 we want to thank Director Cipriano for agreeing to have
- 13 a hearing on this -- in this because the -- any kinds of
- 14 emissions, especially refinery emissions, or any kinds
- 15 of emissions petroleum related in this particular town
- 16 are taken very seriously.
- 17 I have a kind of a combination of questions to
- 18 ask, and I tried to organize it, but as usual, your
- 19 organization is in your intention more than it is in
- 20 reality. But first of all, I would like to -- to ask
- 21 how -- how this permit that is -- that we have in front
- 22 of us today is different from the one that was proposed
- 23 and first introduced as the Title V permit? I think it
- 24 was by Clark at that time. I've got some specific

- 1 questions. I don't want you to go point by point, but I
- 2 thought maybe you could give me kind of a general idea
- 3 of, have there been changes, and if there is so, why
- 4 were they made.
- 5 MR. SUTHAR: Can we go by your points, because
- 6 I've drafted so many permits in between then that I
- 7 don't --
- 8 MS. ANDRIA: I understand.
- 9 MR. SUTHAR: I cannot remember what the changes
- 10 would be.
- MS. ANDRIA: Okay.
- MR. SUTHAR: So since you've got the changes,
- 13 can we go ahead and go through those?
- 14 MS. ANDRIA: Well, I don't really have all of
- 15 the changes, but I did get a copy of the old permit, and
- 16 I noticed that the --
- 17 MR. SUTHAR: This was drafted by me, also?
- MS. ANDRIA: Pardon?
- 19 MR. SUTHAR: My name -- I drafted this one,
- 20 also?
- MS. ANDRIA: Yes.
- MR. SUTHAR: Okay.
- MS. ANDRIA: It's -- I don't have a date, but
- 24 it's -- it's different from the one that was -- that

- 1 we're dealing with today, and one of the things that we
- 2 noticed was 7.1.3.
- 3 MR. SUTHAR: Yes.
- 4 MS. ANDRIA: The applicability provisions and
- 5 applicable regulations, No. a has been modified, and I
- 6 was wondering if you could tell us, since it is --
- 7 concerns the vapor control system, if you could tell us
- 8 what the reason was.
- 9 MR. SUTHAR: 7.1.3a?
- 10 MS. ANDRIA: Yes.
- 11 MR. SUTHAR: In my copy that I am looking at
- 12 here, the most recent draft, basically, 7.1.3a is
- 13 reserved just as a -- more of a description, if you
- 14 will, of the unit. And, basically, I start out
- 15 addressing that this is --
- MS. ANDRIA: Okay. In the copy that I -- that
- 17 I have from today that I just got, the old copy, it
- 18 said, an affected vapor control system is the wastewater
- 19 treatment system, and today it's the vapor control
- 20 system, and I was wondering, is the wastewater treatment
- 21 system no longer part of this, the vapor control for
- 22 this?
- 23 MR. SUTHAR: Well, I think what I did in this
- 24 particular draft is I separated that out. I have a

- 1 separate section for the wastewater treatment system,
- 2 and then I think the one you're looking at, there was
- 3 also a typo in what you're looking at, that's why that
- 4 information was changed. There was some information
- 5 that overlapped and just got -- it was a typo.
- 6 MS. ANDRIA: Well, there's a whole other
- 7 section. It looks -- it appears that b and c were
- 8 removed totally, and now there's just a and b, but I
- 9 guess -- I guess I want to ask, is this vapor control
- 10 system responsible for controlling the vapors that are
- 11 associated with the underground leaking in a plume,
- 12 however it's described, for this area?
- 13 MR. SUTHAR: That's what I have gathered from
- 14 the application. And in the first sentence of 7.1.1,
- 15 Operation of a vapor control system that captures and
- 16 removes hydrocarbon vapors from the vadose zone (below
- 17 the ground surface), so I believe what you're saying,
- 18 that's what we're talking about.
- 19 MS. ANDRIA: Okay. And is this the same vapor
- 20 control system, then, that was in existence before or is
- 21 it a different vapor control system?
- MR. SUTHAR: Yeah, it should be the same one.
- 23 Should be the same that we're talking about.
- MS. ANDRIA: Is it the same size?

- 1 MR. SUTHAR: Should be, should be. All the
- 2 specifications should be the same from permit to permit.
- 3 If we have new equipment, then we're talking about new
- 4 equipment. We're talking about construction of new
- 5 equipment. We're talking about a whole other realm of
- 6 permitting. So we should be moving from -- I mean, if I
- 7 had this unit in the last permit or just a regular state
- 8 permit, then what I should have brought into this
- 9 Title V is the same unit. It's the very same one.
- 10 MS. ANDRIA: The gentleman who was here from
- 11 Premcor, does he agree to that, that that's correct?
- MR. MULKEY: Yes, I do.
- MS. ANDRIA: And this was constructed in '92?
- MR. SUTHAR: Yes, ma'am. According to the
- 15 application, that's the date that I have, yes.
- 16 MS. ANDRIA: And there has been no changes or
- 17 modification to that since the EPA and the agreement
- 18 to -- to treat -- to deal with the groundwater, that
- 19 that hasn't been changed in response to that?
- 20 MR. SUTHAR: As far as permitting goes, and I'm
- 21 aware of, there hasn't been. There could have been --
- 22 there could have been things that they did to better --
- 23 I'm not sure what the other details would be. But as
- 24 far as permitting is concerned, I have no knowledge that

- 1 this has changed.
- 2 MS. ANDRIA: But if there had been changes and
- 3 it had been increased in response to the EPA and the
- 4 agreement with the parties involved, then would that not
- 5 trigger new source review?
- 6 MR. SUTHAR: I would have been notified of
- 7 that. Now what's -- can you give me some specifics on
- 8 what you're talking about as far as change goes? I
- 9 mean, that's a general term you're using, but what were
- 10 you --
- MS. ANDRIA: Well, in 1992, as far as I know,
- 12 there was not an agreement with USEPA and the other
- 13 parties that have entered into a consent decree or an
- 14 agreement, or I don't know how it's characterized, to
- 15 deal with the fumes and the underground plume. And
- 16 since this is the unit that is taking care of that, and
- 17 since there has been a lot of work characterizing it,
- 18 trying to develop it, it seems unusual to me that it's
- 19 the same size as it was in '92. In fact, I have
- 20 information that it is not, and that's what my point is.
- MR. CAHNOVSKY: Dan, I can address that. My
- 22 name is Chris Cahnovsky. I'm with the Illinois EPA's
- 23 Bureau of Land of the Collinsville Regional Office. I'm
- 24 the project manager for the Hartford ground water, and

- 1 Kathy is referring to the current vapor recovery system,
- 2 which consists of 12 underground vapor recovery wells
- 3 that are connected to a thermal treatment unit at the
- 4 Premcor refinery.
- 5 Under the current administrative order on
- 6 consent entered into between Premcor Refining Group,
- 7 Equilon, LLC, d/b/a Shell Products USA, and Atlantic
- 8 Richfield Oil Company, the AOC requires the oil
- 9 companies to replace the 12 vapor recovery wells with
- 10 new wells that have a greater zone of influence. It is
- 11 requiring -- and they have proposed to expand the
- 12 current thermal treatment unit and put another unit in,
- 13 but none -- none of this has been done yet. It's all on
- 14 paper. It's all being proposed. It has been approved
- 15 by the USEPA. The equipment is being purchased, but the
- 16 only thing that has been done to the unit since 1992 is
- 17 general maintenance, replacement of some flame arrestors
- 18 which were clogged, which needed to be replaced, some
- 19 upgrades of some software, the replacement of one well
- 20 through a pilot study, it's the well over here on Birch
- 21 Street, and that was replaced with a new well, and
- 22 that's about it.
- MS. ANDRIA: Will the -- when they install
- 24 that, will there be a permit applied for?

- 1 MR. CAHNOVSKY: They'll have to go -- I assume
- 2 so, yes.
- 3 MR. SUTHAR: Yes. That's when I will get the
- 4 applications, and that's when we'll start the permitting
- 5 process is when they send in the applications for that
- 6 and the actual construction begins, and that's what it
- 7 takes off from.
- 8 MR. CAHNOVSKY: Right now everything is just on
- 9 paper.
- 10 MS. ANDRIA: Thank you for clarifying that. I
- 11 wondered whether -- another thing, in the permit, it
- 12 asks them -- or it tells them that they must develop a
- 13 monitoring program, and it really seems kind of mind-
- 14 boggling that they have not had to do that before. Is
- 15 this the first time they're being required to develop a
- 16 monitoring program?
- 17 MR. SUTHAR: Can you tell me which specific --
- MS. ANDRIA: I think it's Page 26, 27.
- 19 MR. SUTHAR: You're talking about the leak
- 20 detection and repair program, is that what we're talking
- 21 about?
- MS. ANDRIA: I think there's also another spot
- 23 where it talks about asking them to develop a monitoring
- 24 program, and this application was submitted in 1996.

- 1 It's all -- it's 2004. I was wondering if there hasn't
- 2 been one developed by now, and should they have, and
- 3 should not it be -- should not we be able to see it and
- 4 comment on it, and should it not be made a part of this
- 5 permit?
- 6 MR. SUTHAR: Actually, they already had this
- 7 program before, because I remember reading the previous
- 8 state permit for this particular unit that they had, and
- 9 this program was already included in that particular
- 10 state operating permit that they had previous to my
- 11 drafting this Title V.
- 12 So what I did was I took that language, to keep
- 13 it consistent and keep it within this Title V permit in
- 14 this unit. So I actually took it from the state permit
- 15 that it existed in, and I put it in here, because I
- 16 didn't want to just take that language out and, you
- 17 know, like they didn't have to do it anymore.
- 18 MS. ANDRIA: But should it not, then, be -- I
- 19 mean, if they have one, shouldn't the program, the
- 20 monitoring program, be there, because it's a Title ${\tt V}$
- 21 program which is enforceable by the public, and if we
- 22 don't know what it is and don't -- can't even tell from
- 23 the draft permit whether it's even been developed yet,
- 24 it seems that it needs to be in here.

- 1 MR. SUTHAR: We -- we usually do not put -- I
- 2 mean, if we included all the plans and all the details
- 3 of every plan in these documents, we'd be looking at a
- 4 stack like that, so I think -- this should be available
- 5 to you through our records or a FYI request. But as far
- 6 as I know, this already has been taken care of because
- 7 it was already part of a state operating permit.
- 8 MS. ANDRIA: Then I think the language should
- 9 be changed to read, a program has been developed, and it
- 10 is available at the office of the Illinois EPA, or
- 11 something like that, so people know, because we -- we're
- 12 supposed to look at this and to be able to tell what it
- 13 is that they're doing, what it is that you're requiring
- 14 them to do, and for us, the public, to be able to
- 15 enforce it, and it's -- I mean no disrespect to you.
- MR. SUTHAR: No, sure.
- 17 MS. ANDRIA: Because these things are very
- 18 difficult, and I can imagine it's much easier for you,
- 19 an engineer, but for us, it's very confusing in trying
- 20 to see what the regulations are, and then when we have
- 21 something that's really pure English like, it's not been
- 22 developed yet, then it's -- we'd like it to be as simple
- 23 as possible.
- 24 MR. SUTHAR: I understand your question, I

- 1 really do, and I'll check into putting language in here
- 2 that makes that a little clearer for everyone.
- MS. ANDRIA: And, also, for the record, we --
- 4 we would like a copy of that, and I'll send a FYI
- 5 tomorrow. We want an opportunity to review it before
- 6 the public comment period is over. And then by
- 7 incorporation, it would be in this permit, correct?
- 8 MR. SUTHAR: I can check into that for you.
- 9 Like I said, we're usually not -- we usually don't
- 10 include plans, as far as specific language of the plans,
- 11 within the permits. We try to keep a generalization,
- 12 because if we included every plan, like I say, we would
- 13 have a permit that would probably look like an
- 14 encyclopedia or something, but I'll definitely check
- 15 into that for you and get back with you.
- MS. ANDRIA: Okay. Thank you. Also, just for
- 17 my own curiosity, do the companies decide what's in a
- 18 monitoring program or does the Agency?
- 19 MR. SUTHAR: It's really dependent upon the
- 20 rules and regulation that are applied to them, and the
- 21 rules and regulations usually stipulate what monitoring
- 22 is required.
- MS. ANDRIA: In this case, for a bulk storage,
- 24 who decides? It kind of indicates that they can decide.

- 1 Is that the case for this?
- 2 MR. SUTHAR: In particular, what?
- 3 MS. ANDRIA: The monitoring program, where are
- 4 the parameters, who decides on the parameters?
- 5 MR. SUTHAR: Basically, you can say that they
- 6 decide, but they have to meet these requirements that
- 7 are stipulated out of 7.2.7. All the monitoring
- 8 requirements that are in there, they have to fulfill
- 9 those requirements. Their programs have to abide by the
- 10 requirements that we've put in there and any reference
- 11 to any rules which might stipulate what that program
- 12 must entail.
- MS. ANDRIA: You said that you looked at the
- 14 other permit, another permit, to bring the language into
- 15 this permit. Did you check all of their permits?
- MR. SUTHAR: I did. Prior to drafting any
- 17 Title V permit, an analyst usually goes through -- has
- 18 to go through every existing permit for that facility,
- 19 which ones are, you know -- which ones are still in
- 20 existence, which one might be out of service now. We
- 21 have to evaluate each permit before and then bring
- 22 those -- the pertinent information into the Title V
- 23 permit.
- MS. ANDRIA: Did you check the records for any

- 1 modification of any of the tanks?
- 2 MR. SUTHAR: Could you repeat that question
- 3 again?
- 4 MS. ANDRIA: Did you check, in checking all of
- 5 the emission units and the tanks, did you check to make
- 6 sure that there were -- they were the same here as they
- 7 were in the other older permits?
- 8 MR. SUTHAR: What I did was I looked at the
- 9 older permits that were in existence, and then we can't
- 10 forget that they also provided me an application with
- 11 the most current emission units, and so I compared, and
- 12 I took the information that was in the application and
- 13 put those units to be permitted in this permit.
- MS. ANDRIA: We have an exhibit here that we
- 15 would like to give you. It's from 1978, their tank
- 16 farm, and it's tank designation 10-7. On this exhibit
- 17 of theirs to an earlier permit, it has that as having a
- 18 fixed roof, and now it's listed as an internal floating
- 19 roof, and is that a modification, and should the tank
- 20 now be covered under NSPS?
- 21 MR. PUNZAK: When you install a floating roof,
- 22 that's considered to be something that -- now there was
- 23 a rule that required the floating roof that came in, but
- 24 when you install it, that's not called a modification

- 1 because it's reducing emissions. And by definition, a
- 2 modification is an increase in emissions, so it does not
- 3 become a modified tank subject to NSPS when you add an
- 4 internal floating roof.
- 5 MS. ANDRIA: Is that a rule for everything,
- 6 that if you change it and it has less emissions, because
- 7 I never knew that rule.
- 8 MR. PUNZAK: I can't -- I don't want to be
- 9 totally universal, but in general, it's very, very,
- 10 almost universal.
- 11 MS. ANDRIA: I'm all for any kind of anything
- 12 that has less emissions, believe me.
- MR. PUNZAK: Right. They don't want to make
- 14 them subject to extra stringent things when they're
- 15 putting them in to reduce emissions.
- MS. ANDRIA: And that's only one of those, so
- 17 we would prefer not having to look ourselves through all
- 18 these things, so if anything else -- we have -- there's
- 19 a couple of secondary seals in 1947 that didn't exist.
- 20 Is that the same thing?
- 21 MR. PUNZAK: Right, that's the same thing.
- 22 Secondary seal is another form of something that reduces
- 23 emissions, and installing secondary seals does not make
- 24 it subject to additional -- new source performance

- 1 standards.
- 2 In fact, the secondary seals is what the NSPS
- 3 would require, anyway. So they're really complying with
- 4 the NSPS, but it doesn't say there they have to. But,
- 5 in effect, they really are meeting the same standard as
- 6 the NSPS.
- 7 MS. ANDRIA: Are there other formations that
- 8 have been upgraded than these two, do you know? Does
- 9 anyone know?
- 10 MR. PUNZAK: I'm not -- I'm not working on that
- 11 specific permit. I was answering a general question.
- 12 And, also, we've gone over this one, but I
- 13 would like to -- this term monitoring is a word that
- 14 comes around, and I thought I would explain. It's a
- 15 general term that means a lot of different things.
- 16 Sometimes we use it to mean, for instance, if you have a
- 17 flare, and you want to make sure the flare has a flame,
- 18 you call that monitoring, where you put in something
- 19 that detects that there's a flame, we call that
- 20 monitoring.
- 21 But when you're dealing with leak detention and
- 22 repair, we sometimes -- what they have to do is several
- 23 times a year they have to go around with a little device
- 24 that measures whether there's any leaks coming out of a

- 1 valve or something like that, we sometimes refer to that
- 2 as monitoring. So you have to be very careful with the
- 3 word monitoring. It can mean completely -- a very broad
- 4 range of meanings, depending on the context.
- 5 MS. ANDRIA: Is there a different between
- 6 testing and monitoring?
- 7 MR. PUNZAK: Yes. I usually -- generally, when
- 8 we use the word testing, we mean checking a stack and
- 9 finding out what the emissions are. We would not
- 10 generally call that monitoring.
- 11 MS. ANDRIA: If -- since these were upgraded,
- 12 then, are there some that haven't been upgraded, Sinil?
- MR. PUNZAK: He might be able to answer it but,
- 14 in general, I would say we have a rule that covers the
- 15 whole east side of St. Louis that requires certain tanks
- 16 to have the secondary seals and floating roofs and so
- 17 on, and that applies to essentially all tanks with vapor
- 18 pressures that are higher at a certain point. For
- 19 instance, gasoline has a higher vapor pressure. It
- 20 evaporates real easy. So any tank like that is required
- 21 to have that type of equipment on it.
- MS. ANDRIA: You know, one of the things I
- 23 learned today in looking at this permit, I tried to find
- 24 out because there are pieces of the permit that require

- 1 certain kinds of testing and certain kinds of inspection
- 2 and that kind of thing, but I couldn't find anything
- 3 that inspected the exterior, the structure of the tanks.
- 4 And these tanks, some of them have been constructed in
- 5 1941, most through the 40's and the 50's.
- 6 And I -- I called EPA and was told that they
- 7 don't inspect the exterior of tanks because it's a
- 8 product, but that the fire marshall may do that.
- 9 I called the fire marshall's office, and they
- 10 said that they only inspect them in the beginning when
- 11 they're new, before they're installed, and that maybe it
- 12 was the American Petroleum Institute that inspected
- 13 them.
- 14 So I called the American Petroleum Institute,
- 15 and they -- they said that they don't inspect them.
- 16 They just write the standards for them. And I said,
- 17 Well, who does inspect them? And he said, Probably no
- 18 one.
- 19 And I think that's just absolutely a hole in
- 20 the law that needs to be addressed very quickly, because
- 21 for a town like this to be living over a plume of
- 22 gasoline with a possibility of leaking tanks and no one
- 23 is inspecting them from the actual structural integrity
- 24 of the tank, that just seems to me really outrageous.

- 1 MR. PUNZAK: Well, they're more likely not to
- 2 be leaking right at the exterior but along the bottom,
- 3 somewhere along the line. In other words, if they have
- 4 a concrete bottom or something and steel, you may have
- 5 it, and I believe they -- I don't know. I would have to
- 6 ask the company if they empty these tanks once in a
- 7 while and inspect them for integrity like that.
- 8 That is more -- that might get more into the
- 9 issue of the ground problem, rather than an air problem,
- 10 because I mean, I realize eventually, of course, when it
- 11 gets into the water and comes into your home and you
- 12 smell it, but it's not really evaporating directly into
- 13 the air.
- 14 MS. ANDRIA: Yeah, there's such a -- it's very
- 15 difficult to address this because the -- it's my
- 16 understanding that you've been down this road, the
- 17 Agency's been down the road about tying water, to air,
- 18 to, you know, the whole thing, because the tanks, when
- 19 they leak, they go down into the land, which goes to the
- 20 water, which comes up in the air, and everybody keeps
- 21 saying it's not my table.
- 22 And this is really, it's something that needs
- 23 to be addressed as a whole, and we need to go through
- 24 that process again, because it's just -- it's not

- 1 acceptable to have tanks sitting there. I mean, we see
- 2 corrosion.
- 3 There was a tank that corroded in Granite City
- 4 that had problems. I mean, tanks do corrode, you know,
- 5 and I think that this is -- we've got to find some way
- 6 to require inspection of the structural integrity of the
- 7 tank. Anyway, that was a comment, not a question.
- 8 MR. PUNZAK: Okay.
- 9 MS. ANDRIA: So, Sinil, in your -- back to the
- 10 tanks. It 1983, there were a bunch of different tanks,
- 11 96 storage tanks for non-volatile organics, floating
- 12 storage tanks, other types of tanks, and I don't see any
- 13 of those now. What happened to them all, and are any of
- 14 them included in this?
- MR. SUTHAR: If they're not included in this,
- 16 then they probably are not in use, in operation anymore.
- 17 They wanted to -- in the application, they indicated
- 18 which tanks were in operation, which were in use, and
- 19 those were the ones that they wanted me to include in
- 20 the Title V permit.
- 21 MS. ANDRIA: If they -- you mean there's some
- 22 that they don't have to include in the Title V program?
- MR. SUTHAR: Well, if they've been removed from
- 24 operation.

- 1 MS. ANDRIA: Now do they have the ability to
- 2 bring those back into --
- 3 MR. SUTHAR: Not without going through the
- 4 permitting process, no.
- 5 MS. ANDRIA: And what kind of permit?
- 6 MR. SUTHAR: Well, it would really depend on
- 7 what they're going to do. I mean, are they going to
- 8 start up using a tank that was existing already? I
- 9 believe that would still constitute going through the
- 10 construction permit process, because I am setting limits
- 11 in the permit already for the existing units, and to
- 12 bring in another unit, we may be talking about changing
- 13 limits and whatnot, we're talking about whole new
- 14 construction. I cannot just take a unit and put it in
- 15 here and say, hey, it was already existing X years ago,
- 16 and now you can just bring it back in. I can't do that.
- 17 The rules don't allow for that.
- 18 MS. ANDRIA: That's good to hear. I have a
- 19 letter here that I'm going to give to you, also. It's
- 20 from Clark dated 1992, and it says that it's to the
- 21 Agency, Attached is additional information you have
- 22 requested for our finished product tankage. And it's
- 23 got some information here, and it's really quite
- 24 detailed.

- 1 And I was wondering why there's not the level
- 2 of detail in this permit, the Title V permit, and is
- 3 this data no longer of interest to the Agency or does
- 4 it -- are you requiring it and just not showing it to us
- 5 like the monitoring program, or what?
- 6 MR. SUTHAR: Initially, I can say that I'm
- 7 going to have to look at this, because I've never -- I
- 8 don't recall coming across this document, and I'll have
- 9 to look at it, but I'm going to assume -- I'm going to
- 10 use the benefit of the doubt here and say that these
- 11 tanks are probably not in operation anymore.
- MS. ANDRIA: Okay.
- MR. SUTHAR: Which is why they may not be in
- 14 this Title V permit, and they probably were not included
- 15 in the Title V application that I received from the
- 16 facility. So I'm going to say that for right now, but I
- 17 would like to go back, if you allow me, and I'll check
- 18 into -- you know, I'll check in more detail as to why I
- 19 don't have corresponding numbers or I don't have these
- 20 tanks.
- MS. ANDRIA: And we would appreciate prompt
- 22 action so that we would be able to have a chance to
- 23 comment on it.
- MR. SUTHAR: Sure.

- 1 MS. ANDRIA: Have you streamlined these
- 2 documents into this -- I mean, you know what
- 3 streamlining means?
- 4 MR. SUTHAR: Yes. I've tried definitely, to
- 5 take any important pertinent information that needed to
- 6 be permitted or whatnot, that's exactly what each
- 7 analyst tries to do. They try to look through every
- 8 record, every existing permit, and to see where it falls
- 9 into this Title V and how it corresponds, if it does, to
- 10 the application that the company submits.
- 11 Now if it's not in the application, there's got
- 12 to be some trail that says these tanks were not -- are
- 13 not in use anymore. There probably is.
- 14 MS. ANDRIA: I've joined Verena Owens of Lake
- 15 County Conservation Alliance in asking, please, for a
- 16 Statement of Basis. It's required in the Title V
- 17 training I took from USEPA. They told us it was
- 18 required, and the State of Illinois is not doing it.
- 19 You have kind of an intro, but all your intro was, the
- 20 summary, was just two pages straight from the permit.
- 21 So I think a lot of our questions could have
- 22 been answered and addressed in a Statement of Basis. It
- 23 would be very helpful, you know, what makes this source
- 24 unique, what have you done to get here, why you're

- 1 giving them a permit, and a listing of the existing
- 2 permits would be very helpful, and also the compliance
- 3 history. I mean, it's really difficult for -- for us to
- 4 go and to FYI everything, and it's like this whole game,
- 5 where if it were just part of the process, it would be
- 6 really very helpful.
- 7 Are they in compliance? Is this facility in
- 8 compliance?
- 9 MR. SUTHAR: As far as I know, yes. With the
- 10 rules and regulations that were in the Title V, they
- 11 have provided certification that they are, yes.
- 12 MS. ANDRIA: It's a little difficult to tell
- 13 because it's not separated out from the refining. The
- 14 material that is available to the public right now, it's
- 15 altogether, so it looks like they're in violation. So
- 16 it would have to be -- you know, we would have to look
- 17 at it to see that, but I trust you've done that.
- 18 MR. SUTHAR: In violation of?
- 19 MS. ANDRIA: Emission standards, what they were
- 20 given, how much emission, and it was over.
- 21 MR. SUTHAR: You're saying as far as the
- 22 emission limits that are in this permit, is that what
- 23 you're specifically asking?
- MS. ANDRIA: No, I said I could not tell. I

- 1 could not separate out the bulk storage from the
- 2 refinery, and we would need to do some more work to get
- 3 information if there is -- if there are excedences, and
- 4 I don't know, I haven't seen any record of -- that you
- 5 actually test, so I'm not sure how you would find out.
- 6 Okay. I'll go on.
- 7 MR. SUTHAR: Could I say one thing in response
- 8 to that?
- 9 MS. ANDRIA: Sure.
- 10 MR. SUTHAR: They are required to send in an
- 11 annual emission report every year, and that would be a
- 12 good indication. I don't know if you've gotten a chance
- 13 to look at any of their annual emission reports, but
- 14 that would be a good indication of, you know, where
- 15 we're at as far as emission limitations are concerned.
- 16 Like I said, I'm not sure if you have had a
- 17 chance to look at any of the past annual emission
- 18 reports that they submitted, maybe the most recent one.
- 19 MS. ANDRIA: And they've been compliant with
- 20 all of their monitoring program that we have been -- all
- 21 of the things that were in that?
- MR. SUTHAR: As far as the certification says
- 23 to me, yes, they are.
- 24 MS. ANDRIA: Which emission sources will

- 1 eventually have a CAM plan?
- 2 MR. SUTHAR: I'll have to look at their
- 3 calculations of potential to emit, but I want to say
- 4 most likely Unit 7.1 and possibly 7.2.
- 5 MS. ANDRIA: I would appreciate it if you could
- 6 look and also get that to us as soon as possible,
- 7 because we couldn't find it.
- 8 MR. SUTHAR: Sure.
- 9 MS. ANDRIA: Why are HAPs not listed?
- 10 MR. SUTHAR: This is -- if you look in 5.1.2 of
- 11 this permit, this source is not a major source of HAPs,
- 12 and so putting -- or listing specific HAP requirements
- 13 is -- there's -- the rule, I cannot do that. If they're
- 14 not a major source of HAPs, I cannot --
- MS. ANDRIA: I mean, I've seen permits where
- 16 they have them listed, but it's not a major source in
- 17 terms of triggering a permit, but I think -- you know, I
- 18 think they should be listed. I mean, this town has got
- 19 a lot of Benzine going. Dan wants to --
- 20 MR. PUNZAK: In their annual emission report,
- 21 they're required to list their HAP emissions, every year
- 22 that they submit one. That information is also
- 23 available, you know, whenever they submit it. They have
- 24 to submit those by May 1st, and so you can get a copy of

- 1 it. And it goes from -- it's a calendar year so, for
- 2 instance, the 2003 report would have been submitted in
- 3 April of 2004 and would be available, and they have to
- 4 list all their HAPs, and we verify that their -- when
- 5 they said they weren't major for HAPs, we look at what
- 6 their annual reporting is and make sure that they
- 7 aren't, that they haven't gone over the -- and aren't
- 8 now major for HAPs.
- 9 MS. ANDRIA: Is it possible to get, since there
- 10 are a lot of times when I go through here, and I go
- 11 through here daily, that I -- and it's not raining,
- 12 because I know that the rain does bring the vapors into
- 13 the homes, and you can smell it all through the town,
- 14 but there's also an almost omni present smell. And when
- 15 I've called the Collinsville office, they usually tell
- 16 me it's the tanks.
- 17 Is there a way that we can put a Benzine
- 18 monitor on the -- can that be required -- on the fence
- 19 line or something to monitor?
- 20 MR. PUNZAK: Generally HAPs are only about 4 to
- 21 6 percent of total gasoline emissions, so -- and Benzine
- 22 is usually only a small fraction of that. I think it
- 23 would be almost impossible, even if we could set up such
- 24 a monitor, to detect them or something like that.

- 1 MS. ANDRIA: What are we smelling then?
- 2 MR. PUNZAK: It's just -- gasoline is a
- 3 mixture, probably 30 different chemicals. Most of them
- 4 are straight hydrocarbons, and then some of them are
- 5 these chemicals like Benzene, Toluene, Ethylbenzene and
- 6 so on. But, again, those ones perhaps only make up 4 to
- 7 6 percent of the total gasoline, and the rest is just
- 8 straight hydrocarbons which smell but aren't necessarily
- 9 HAPs.
- MS. ANDRIA: If you were to put a monitor, one
- 11 monitor, there isn't one thing that you think would be
- 12 best to be monitored for? There's not a VOC monitor
- 13 that would encompass lots of things or --
- 14 MR. PUNZAK: What we generally monitor for is
- 15 there's actually not a specific rule that says
- 16 hydrocarbons can't be above a certain point. What we
- 17 call it is, in the summer, the mixture of hydrocarbons
- 18 in the air and the sunlight combine to form an ozone,
- 19 which is the standard -- which is the state standard for
- 20 measurement of ozone, so if -- if the ozone is low, that
- 21 indicates, in general, that the hydrocarbons aren't real
- 22 high, but that doesn't indicate that -- I mean, that
- 23 doesn't mean that you won't smell them or something like
- 24 that.

- 1 MS. ANDRIA: Well, Madison County, where this
- 2 is located, is non-attainment for both 1-hour and
- 3 8-hour, it violates both. It's non-attainment for
- 4 ozone, and since VOC's is a contributor, I think would
- 5 be good if -- to my knowledge, there's not a VOC monitor
- 6 anywhere in this refinery area.
- 7 MR. PUNZAK: Well, it's because VOC is such a
- 8 broad range of a mixture of things, it's hard to -- I'm
- 9 not even sure if they know of any monitor that detects
- 10 that. Sometimes they have them that will detect them in
- 11 the percent range, you know, 1 percent, but we're still
- 12 dealing with -- even if they're contributing to ozone,
- 13 you're still talking about the parts per million range,
- 14 which is very hard to monitor the hydrocarbons in that
- 15 low a range.
- MS. ANDRIA: One of the places in the -- and
- 17 I'm sorry, I don't have the reference to it. I went
- 18 page by page, and it would take me a while to find it,
- 19 but you talk about changes in the materials stored in
- 20 the tanks. What other than gasoline is stored? What
- 21 cannot be stored?
- 22 MR. SUTHAR: I think that whenever I talk about
- 23 changes in the materials stored, I still refer to all
- 24 materials that are stored, they still have to comply

- 1 with each of the applicable regulations that I've listed
- 2 earlier in that section, and so we're -- it may sound
- 3 like they can put anything in there, but really they
- 4 can't. They still -- anything, any item that they put
- 5 into those tanks still has to meet the requirements of
- 6 any rules that apply, and anywhere you see that
- 7 language, it still refers to anything -- any material
- 8 that meets the requirements of 7.whatever.3, you know.
- 9 I cannot tell you -- I can't give you specific
- 10 names of what could be put in there, but we wouldn't
- 11 necessarily go for a name. We would -- an inspector who
- 12 went out there would look for the material and what the
- 13 properties of that material would be.
- 14 MS. ANDRIA: Are they marked with a label on
- 15 the outside, like so that if some accident would happen,
- 16 a fireman coming would know what's in the tank, or are
- 17 they just marked somewhere in the agency and with the
- 18 office of the --
- 19 MR. SUTHAR: They should be definitely with the
- 20 office. I'm not sure what the practice is, generally,
- 21 of the facilities, as far as the actual tanks go, when
- 22 you go out there and look at the tank. I want to guess
- 23 that it's probably hard to label each tank with whatever
- 24 material is in there. I mean, especially in the case

- 1 where there might be different materials stored. But I
- 2 definitely know for a fact that they should have a
- 3 record of what's in each tank, how much, and what type
- 4 of properties of each.
- 5 MS. ANDRIA: Yeah, I have no idea if there
- 6 would be a difference in how you would treat a fire with
- 7 naphtha, which is one of the things they can store, than
- 8 diesel fuel or gasoline, I don't know, but I hope that
- 9 someone's looking at that.
- 10 Again, in another old operating permit, we
- 11 found a lot of things about wind speed and seal factors
- 12 and through put, and we don't see any of these, and we
- 13 wondered if they still have to report them or are they
- 14 just in a permit that has been streamlined so we just
- 15 don't see it?
- MR. SUTHAR: Probably streamlining, but I would
- 17 like to look at that document, if you have a copy of
- 18 that, just so I can see what contents you're talking
- 19 about.
- 20 MS. ANDRIA: Okay. Is there a containment
- 21 system?
- 22 MR. SUTHAR: Containment system for any leaks?
- MS. ANDRIA: For leaks.
- MR. SUTHAR: From the tanks?

- 1 MS. ANDRIA: Right.
- 2 MR. SUTHAR: Well, they're required -- they're
- 3 required -- they have specific control requirements for
- 4 each tank. If you look at 7.whatever.5 that refers to
- 5 tanks, you can look through, and there's a requirement
- 6 as far as control goes, they're supposed to check, you
- 7 know, for example, floating roof which rests on the
- 8 surface of the VOL.
- 9 MS. ANDRIA: Wait a minute. I can't hear.
- 10 MR. SUTHAR: I'm reading, for example, 7.3.5a,
- 11 and it stipulates that each affected tank shall be
- 12 equipped with the following: A floating roof which
- 13 rests on the surface of the VOL that is equipped with a
- 14 primary seal.
- Just going down the whole list there from a to
- 16 e, it has requirements of what this tank is supposed to
- 17 entail as far as control requirements go, even operating
- 18 requirements, each --
- 19 MS. ANDRIA: I'm talking about something that
- 20 if there were leaks below, is there a containment from
- 21 the structural --
- 22 MR. PUNZAK: That -- that's generally not
- 23 addressed by air. Again, that's water. Every tank is
- 24 required to have what they call a dike. In other words,

- 1 if you go out there, they're usually -- you see almost a
- 2 wall of dirt that go up, and that's required to be large
- 3 enough to contain -- if the whole tank ruptured, you
- 4 know, and the whole 100,000 barrels leaked out, that
- 5 dike has to be large enough to contain that whole
- 6 100,000 barrels so it doesn't go down the street or
- 7 something like that. And then, of course, they'd be
- 8 required to clean it up, but that's major things.
- 9 Again, in terms of if there's a small crack
- 10 underneath the thing, there isn't really anything that
- 11 air requires. You know, if the bottom of the tank is
- 12 leaking, we don't have any air requirements to address
- 13 that. I'm not sure if any other people do or not.
- 14 But I'm sure the companies, they probably --
- 15 since they would be losing product, they would tend to
- 16 want to make sure that doesn't happen, and a lot of them
- 17 do empty the tanks every few years to double-check the
- 18 integrity of the bottom.
- 19 MS. ANDRIA: It seems like something like that
- 20 should be in a Title V permit, too, if it's addressed by
- 21 water or land, I don't know, but it seems like that
- 22 should be incorporated. I know that they incorporate --
- 23 don't they incorporate RCRA into Title V when there's a
- 24 RCRA requirement?

- 1 MR. PUNZAK: No, we don't have any RCRA
- 2 requirements in Title V permits.
- 3 MS. ANDRIA: At the Onyx hearing, it was
- 4 wrapped into the Title V, the RCRA permit, Mara?
- 5 MARA MCGINNIS: Yeah, that was because of the
- 6 incinerator and the emission limits were also RCRA feed
- 7 limits, they had to be coordinated.
- 8 MR. MATOESIAN: I believe that was two separate
- 9 permits, were they not? It was a joint hearing.
- 10 MARA MCGINNIS: But the emission issues were
- 11 coordinated between the two parts of the Agency.
- 12 MR. MATOESIAN: I see.
- 13 MS. ANDRIA: Could we talk about the wastewater
- 14 treatment plant? I've been to two hearings with regard
- 15 to wastewater treatment. One was the Conoco Phillips
- 16 permit, the construction permit, and they had a
- 17 wastewater treatment plant, and then the City of -- or
- 18 the Village of Roxana, I believe, had another prior,
- 19 that they were talking about the wastewater treatment
- 20 plant.
- 21 But my understanding was, and if I'm wrong,
- 22 then please correct me, but that there was still going
- 23 to be refinery output into the wastewater treatment
- 24 plant; is that correct?

- 1 MR. MULKEY: We are only getting rainwater. My
- 2 understanding is, I haven't dealt with it, but my
- 3 understanding is what we're getting is rainwater run-off
- 4 from the refinery, you know, the operation units of
- 5 Conoco.
- 6 MS. ANDRIA: In case you couldn't hear, he said
- 7 that they're only getting rainwater run-off from the
- 8 refinery.
- 9 Chris, do you know why?
- 10 MR. CAHNOVSKY: No. I was under the impression
- 11 that Conoco Phillips is using the Premcor plant in the
- 12 interim, until they get their -- their connection to
- 13 their plant on the other side of the fence.
- MR. MULKEY: They have that already. All
- 15 process water goes across the street to the Conoco
- 16 Phillips Refinery.
- MR. CAHNOVSKY: So that's been done already.
- 18 MR. MATOESIAN: Okay. Hold on one second.
- 19 Did you get all that? Okay.
- 20 MS. ANDRIA: Is there -- does the run-off water
- 21 from Premcor, then, I mean from the old Premcor
- 22 Refinery, goes into the existing Premcor wastewater
- 23 treatment plant, the run-off?
- MR. MULKEY: That's correct.

- 1 MS. ANDRIA: Okay. Seems to me that that would
- 2 require an NPDES in addition, because it's -- one would
- 3 assume, since there's contamination in the town, that
- 4 there would also be contamination on the site. There's
- 5 no water person here?
- 6 MR. CAHNOVSKY: They have an NPDES permit for
- 7 that.
- 8 MS. ANDRIA: But this is saying this is not
- 9 being treated as coming from a refinery, but yet it's
- 10 going over land that is a refinery. It's coming --
- 11 whatever rainwater comes onto tanks and equipment and
- 12 refining equipment and comes down and comes off, I think
- 13 that that -- I'll look into it, but legally, I think
- 14 that that's coming from a refinery.
- MR. CAHNOVSKY: They have an NPDES permit for
- 16 that treatment plant. The water flows -- the two
- 17 equalization tanks that's on here, the water flows into
- 18 that, and then from there, it goes to the DAF unit, and
- 19 this is all primary separation. And then from the
- 20 primary separation, it goes across the road, in the
- 21 refinery, to secondary wastewater treatment plant, which
- 22 is your aeration units and clarifiers and your
- 23 biological, and then it gets put in a pipe and goes out
- 24 to the river, is that fairly accurate, and that's

- 1 covered under an NPDES permit?
- 2 MS. ANDRIA: There are no specific emission
- 3 limits on that, and is the water treated there?
- 4 MR. CAHNOVSKY: In the refinery, yes.
- 5 MS. ANDRIA: On the ground, before it goes into
- 6 the wastewater treatment plant?
- 7 MR. CAHNOVSKY: No.
- 8 MS. ANDRIA: Is there an oil/water separator?
- 9 MR. CAHNOVSKY: Yeah. That's the primary
- 10 separation. That's the first part of this, which is the
- 11 two equalization tanks and the solid air flotation unit,
- 12 that's the oil/water separation, and then that oil goes
- 13 back into this tank 510 over here and then goes back
- 14 into the refinery.
- MS. ANDRIA: Okay. We need to look at that
- 16 more.
- I think I asked part of this question, but I
- 18 didn't ask the follow-up on that. The maximum
- 19 theoretical VOM's, is it added into the fee structure
- 20 and how are they measured?
- 21 MR. SUTHAR: Kathy, can you repeat that one
- 22 more time?
- 23 MS. ANDRIA: The maximum theoretical VOM's in
- 24 there, it's got -- and I don't have the reference to the

- 1 number, it says, less than so many, and I wondered how
- 2 much less than, is it added into the fee structure, and
- 3 how are they measured?
- 4 MR. SUTHAR: I'm going to assume when you're
- 5 talking about this theoretical, are you talking about
- 6 some emission limitations summary, is that what you're
- 7 talking about, or are you talking about the actual
- 8 calculated emissions?
- 9 MS. ANDRIA: The actual.
- 10 MR. SUTHAR: From their application?
- 11 MS. ANDRIA: Right. And then, I mean, you said
- 12 before that you had no HAPs because they were not of
- 13 sufficient --
- 14 MR. SUTHAR: They were less than the threshold
- 15 that, you know, 10 tons single HAP and then a
- 16 combination, and they did not meet any of those
- 17 requirements, and that's why I don't have them
- 18 specifically listed.
- MS. ANDRIA: And the VOM's, the same?
- 20 MR. SUTHAR: Well, they're major for VOM.
- 21 MS. ANDRIA: But they're not -- are they added
- 22 up? Are they put into the fee structure? I don't think
- 23 they were in the fee structure. Maybe I just missed it.
- 24 I did, maybe.

- 1 MR. SUTHAR: 5.5.1, I think is that what you're
- 2 looking for?
- 3 MS. ANDRIA: It's 230 tons, right?
- 4 MR. SUTHAR: Yes.
- 5 MS. ANDRIA: Okay. I think I've gotten two
- 6 notes mixed up. I wanted to look through my notes and
- 7 wondered if anyone wanted to ask questions while I
- 8 reorganize. I don't have many more questions, and I $\,$
- 9 thank you for your patience in my questions.
- 10 MR. MATOESIAN: Did you want these two letters
- 11 entered into the record?
- MS. ANDRIA: Yes, I did.
- 13 MR. MATOESIAN: Okay. I will list the sheet
- 14 labeled Tank Farm as Exhibit 1, and the letter from
- 15 Clark Oil as Exhibit 2.
- 16 Thank you. The next speaker is Kathleen Logan
- 17 Smith.
- 18 MS. SMITH: I'll wait.
- 19 MR. MATOESIAN: Okay. The next speaker is
- 20 Jim Bensman.
- We'll take a 5-minute recess first, actually.
- 22 (A short break was taken.)
- MR. MATOESIAN: Okay. We'll go back on the
- 24 record, then. The next speaker is Mr. Jim Bensman.

- 1 MR. BENSMAN: Hello, my name is Jim Bensman. I
- 2 live about two miles from here, so I'm concerned about
- 3 the pollution from here.
- 4 MR. MATOESIAN: I'm sorry. Could you just
- 5 spell that, please.
- 6 MR. BENSMAN: B-e-n-s-m-a-n.
- 7 MR. MATOESIAN: Thank you.
- 8 MR. BENSMAN: Like I said, I live a couple
- 9 miles from here, so I'm very concerned about the
- 10 pollution. I smell it all the -- quite a bit, so it
- 11 worries me. I'm also the conservation chair for the
- 12 Piasa Pallisades Group of the Sierra Club, and we have
- 13 about 500 members in the general area, a few counties
- 14 around here.
- 15 And, you know, like I said, there's a lot of
- 16 pollution issues here, and we need to make sure that
- 17 you're protecting the public from the pollution and take
- 18 a close look at these permits, because there's been a
- 19 lot of problems here over the years, so these are
- 20 important areas to keep careful track of and make sure
- 21 the problems that have occurred in the past, aren't
- 22 occurring again.
- 23 And the final thing I just want -- I was glad
- 24 to see this time you had a map and marked where this is,

- 1 but it would be helpful next time if you also mark what
- 2 all the other stuff is around here, because that's
- 3 what's always so confusing about this. There's so many
- 4 refineries down here, and there have been so many
- 5 changes of ownership, and you never know what what is,
- 6 so it would just be nice to know, so thank you.
- 7 MR. MATOESIAN: Thank you Mr. Bensman, and the
- 8 next speaker is Kathleen Logan Smith.
- 9 MS. SMITH: Hi, I'm Kathleen Logan Smith, with
- 10 a K, with Health & Environmental Justice, St. Louis, and
- 11 I have a couple of fairly general questions.
- 12 One of my chief concerns after this -- after
- 13 looking at this permit is -- and the answers that we've
- 14 received, that a lot of tanks may have been removed for
- 15 decommissioning, didn't appear in the application and
- 16 aren't addressed in this permit. Is there a
- 17 decommissioning process for tanks removed from
- 18 operation?
- 19 MR. SUTHAR: There is. There -- in the past,
- 20 when they had the state operating permits, what they
- 21 probably -- well, what they should have done was send in
- 22 a list of whatever tanks they are and submit them to our
- 23 records unit, asking them that these $\operatorname{--}$ these units had
- 24 ceased operation.

- 1 Now in the interim, when they sent me the
- 2 Title V application, and if tanks have -- are not in use
- 3 anymore, companies -- I mean, sometimes people will
- 4 just -- they'll list the tanks that are in operation in
- 5 their application, and they'll say, well, the rest of
- 6 these have ceased operation, and I just go from the --
- 7 any analyst will just go from the application and put
- 8 that in the Title V permit.
- 9 So it depends on what time frame we're talking
- 10 about, if we're talking about pre -- you know, the time
- 11 frame before the draft has come into affect or the
- 12 balance is drafted, they might have sent in a letter to
- 13 the records unit. If the draft was coming up, the
- 14 analyst was working on it or was supposed to work on it
- 15 sometime in the future, they might not have done that.
- 16 They might have just put only the tanks that are in
- 17 working order in the application, and the analyst would
- 18 have used that information.
- 19 MS. SMITH: I'm just aware that with
- 20 underground storage tanks, that, you know, your local
- 21 convenience store has to go through a serious process
- 22 for, you know, old tanks and for new tanks, and they get
- 23 inspected, and that information is verified.
- And so I'm wondering, since those tanks are so

- 1 much smaller than these tanks, if there's any kind of
- 2 process, whether the state has it, at some point these
- 3 things are inspected or, you know, that there's a
- 4 verification that, yes, this is off line, this is empty,
- 5 this is whatever it is, but that these tanks are no
- 6 longer in use, and if there's any way to -- or if that's
- 7 just something that's not addressed.
- 8 MR. SUTHAR: No, it is. That's why we have our
- 9 field operations section. Each bureau has it. Land has
- 10 it, water has it, so does air. We have our own
- 11 inspectors.
- 12 MS. SMITH: So the tanks would be under land?
- 13 MR. SUTHAR: They could be looked at by land
- 14 inspectors. They could be looked at by air inspectors,
- 15 also, you know.
- MS. SMITH: Are they?
- 17 MR. SUTHAR: They are, yes, they are. And if
- 18 they have any problems, there's a procedure that these
- 19 inspectors follow. They might start up with a
- 20 noncompliance advisory letter, they might follow up with
- 21 a violation letter, and start a process through that.
- MS. SMITH: When we're doing a Title V permit
- 23 like this one, where we're incorporating prior permits
- 24 and all existing emission sources into one permit, does

- 1 IEPA visually confirm the number and condition of units
- 2 in the permit and do an inspection, sort of a baseline,
- 3 to see that what's going into this permit is what should
- 4 be going into this permit and things aren't left out or
- 5 omitted, or is there any kind of cross-checking of,
- 6 like, you know, what's actually there versus what's on
- 7 paper?
- 8 MR. SUTHAR: That usually happens as soon as
- 9 this permit is issued. As soon as this permit is
- 10 issued, this -- this facility goes on a CAAPP field
- 11 inspector's work plan, and then he or she is out there
- 12 after a certain amount of time to -- with this permit in
- 13 hand, looking at all the emission units at that
- 14 facility.
- MS. SMITH: So they'll be checking against this
- 16 permit?
- 17 MR. SUTHAR: Definitely. This is the tool that
- 18 they'll use when they go out there, and any
- 19 discrepancies are followed up on, like I said, for
- 20 noncompliance advisory, a violation notice, whatnot.
- 21 MS. SMITH: And you've said a number of times
- 22 that you've relied on certifications from the company
- 23 that they're in compliance with different programs, you
- 24 know, in drafting this permit.

- 1 MR. SUTHAR: They're required by the Clean Air
- 2 Act to provide us these certifications.
- 3 MS. SMITH: And my question is, a lot of these
- 4 compliance rates rely on self-reporting. So do we have
- 5 any data that indicates how accurate self-reporting is
- 6 with companies that are reporting their own compliance
- 7 issues, because my experience -- we were -- I worked
- 8 with incinerators mostly, and I have seen data that
- 9 companies don't do a very good job of self-reporting
- 10 violations, and when you go through and point out to the
- 11 agencies that, well, this was a violation or this wasn't
- 12 reported or, you know, we're getting excessive here, you
- 13 know, the companies don't report those things on their
- 14 own, unless they have to, I mean, unless there's
- 15 somebody else watching them. And so do we have any data
- 16 on the rates of, you know, how effective self-reporting
- 17 is?
- 18 MR. SUTHAR: I personally don't have any. I
- 19 mean, it looks like you're looking for a general
- 20 statistic, is that what you're looking for?
- 21 MS. SMITH: Yeah, generally, I think that
- 22 they're --
- 23 MR. SUTHAR: I personally don't know of any
- 24 figures. I don't know if any of my colleagues know of

- 1 any figures like that, but --
- 2 MS. SMITH: I mean, I'm assuming your
- 3 inspectors are going over the data on their own to see
- 4 if there was anything overlooked by the company.
- 5 MR. SUTHAR: Oh, sure, sure.
- 6 MS. SMITH: And that's how they find what
- 7 violations they do find. But my point is that when
- 8 you're drafting a permit, you're not there yet. If you
- 9 don't have inspectors out looking at this permit yet, it
- 10 will be a while before we catch anything. And if you're
- 11 relying on certain assumptions that were based on self-
- 12 reporting, it seems like that might be a hole that
- 13 should be addressed somehow.
- 14 MR. SUTHAR: Unfortunately, I mean, I think we
- 15 don't have enough manpower to go and look at every
- 16 facility. I mean, that's just the truth. I would love
- 17 to go to every facility. I'd love to go to Premcor
- 18 before they sent me the application and sit down with
- 19 them and look at absolutely everything, but we just
- 20 don't have the man -- I don't think we have. I'm not
- 21 speaking, you know, for other people here, but I don't
- 22 think we have the manpower to do that, and we have the
- 23 field --
- 24 MR. PUNZAK: I'm pretty sure that every --

- 1 every source that has a CAAPP permit is inspected at
- 2 least once a year, when you say -- so I mean, the permit
- 3 section can't go out, but the field inspectors are
- 4 required to go out, and that's in every one, like the
- 5 Conoco Phillips Refinery, they probably get at least --
- 6 probably at least six visits a year, probably, every two
- 7 months or something like that. Now each time they might
- 8 inspect something different. One time they may look at
- 9 the tanks, and another time they may look at the
- 10 heaters, another time they might look at some of the
- 11 process units or something like that, but they are --
- 12 and also these -- the self-reporting, I'm not saying
- 13 that that doesn't mean that it can't happen, but we have
- 14 now what we call a responsible official who has to sign
- 15 and say, I believe that this information is correct, and
- 16 if it's -- if it's -- I mean, every -- there can be
- 17 mistakes, and if he thinks, to the best of his
- 18 knowledge, it's correct, then they have to find out what
- 19 went wrong.
- 20 But, I mean, if he deliberately falsified it,
- 21 then he could -- he could go to prison for something
- 22 like that, for deliberately falsifying information like
- 23 that. And I do know people -- now this was the feds
- 24 that followed up, that there are people who are in

- 1 prison for falsifying a report sent to the EPA.
- 2 MS. SMITH: I just wanted to bring it up
- 3 because I've seen situations with incinerators that
- 4 self-reporting is just -- it doesn't quite get the job
- 5 done, and that a lot -- an annual inspection in some
- 6 places is not a surprise inspection, and so, you know,
- 7 they would call them up and say, we're coming to see
- 8 you, get ready, and the facility would clean up, and
- 9 they would get inspected, and everything would seem
- 10 fine, and so it's not -- my point is, you know, we've
- 11 got some holes.
- MR. PUNZAK: Well, depends on what you're
- 13 doing. For instance, like an incinerator, a lot of
- 14 times they're required to have these, what they call
- 15 roll of paper, where the temperature of the incinerator
- 16 is, so we could go in there and look at that piece of
- 17 paper any time.
- 18 So, I mean, if we find that they -- you know,
- 19 it was in violation of a certain temperature requirement
- 20 and they weren't reporting it, then we would consider
- 21 that to be falsification, but there is some kind of
- 22 records required that we could inspect afterwards, not
- 23 just once it's -- in most cases, I'm not saying
- 24 everything is that way, but we --

- 1 MS. SMITH: This particular plant had 12-hour
- 2 data gaps in that piece of paper, but we'll go on and
- 3 stick with this. I'm done.
- 4 MR. MATOESIAN: Miss Andria.
- 5 MS. ANDRIA: Yes, I just had a couple more
- 6 questions, and actually I had more, but they were about
- 7 inspection, and Kathy Logan Smith did a wonderful job
- 8 asking those questions, and I really wish we could get
- 9 more money from the state legislature for the Agency to
- 10 go out on inspections and monitoring, and I know that
- 11 you've got some really fine people doing this, but we
- 12 don't have enough of you. And there's just -- there's
- 13 so many emission sources, and we here in the Metro East
- 14 are so, so over-burdened. We have so many emissions
- 15 here, and we are non-attainment, and we have terrible
- 16 health problems. Anyway, that's my little commercial.
- I have a couple of questions. One, I wanted to
- 18 point out, it's kind of a humerus thing, but it's a very
- 19 sad thing, under 7.1.3b, The Applicability Provisions,
- 20 No person shall cause the discharge of -- you don't have
- 21 to look it up, Sinil -- blaw, blaw, blaw -- with the --
- 22 except for the following exception: If no odor nuisance
- 23 exists.
- I mean, that really should be taken out because

- 1 it just doesn't apply here. That was just a little
- 2 comment.
- 3 Does any tank store MTBE here?
- 4 MR. SUTHAR: I'll have to review the
- 5 application, but -- maybe I can defer that question.
- 6 MR. MULKEY: I thought MTBE -- I'm not sure,
- 7 but hasn't that been banned in the State of Illinois?
- 8 MR. PUNZAK: I don't think it's around anymore.
- 9 MS. ANDRIA: I know it's not able to be put
- 10 into gas tanks, but I don't know, since the refineries
- 11 here also feed other states, and not all states have
- 12 banned MTBE, and there is a few years before they have
- 13 to, I would really like to know that, if the gentleman
- 14 from Premcor can check that, and are there any VOL's
- 15 stored other than ethanol?
- MR. SUTHAR: In the tanks I have listed in this
- 17 permit, as far as I know, no. Now I could be wrong.
- 18 There could be other materials of similar properties
- 19 listed in -- in the tanks at the moment. But once
- 20 again, they have to be of similar properties and meet
- 21 the requirements of the rules that apply to those tanks.
- MS. ANDRIA: Throughout the permit you have,
- 23 under the emission limitations, the phrase, There are no
- 24 specific emission limitations for this unit; however,

- 1 there are source-wide emission limitations in condition
- 2 5.5 that include this unit.
- 3 It seems to me that there's always the
- 4 potential for something to emit more, and that when you
- 5 do it for a whole unit rather than each, that the
- 6 potential for over-emitting is more great, and I was
- 7 wondering if it's possible to have individual limits or
- 8 is that not allowed?
- 9 MR. SUTHAR: I have -- wherever you see that
- 10 particular --
- 11 MS. ANDRIA: It's on Page 46, 7.4.6.
- 12 MR. SUTHAR: Yes.
- MS. ANDRIA: I've seen it throughout the permit
- 14 through different things.
- MR. SUTHAR: Right. If you look at the dates
- 16 of when these units were constructed, like, for example,
- 17 I'm looking at Unit 7.3, and looking at all the tanks
- 18 and the date constructed of each tank, and we're talking
- 19 pre 1970 period, so, basically, these are like -- these
- 20 are grandfathered in, and the new source review and any
- 21 emission -- I cannot put any emission limitations on
- 22 these because of the date of construction prior to
- 23 initiation of new source review.
- 24 MS. ANDRIA: I understand that. I was

- 1 wondering if there is such a thing as a tank shelf life?
- 2 I mean the earliest, I believe, was 1941. Is that --
- 3 MR. SUTHAR: You mean like an actual life span
- 4 of the tank?
- 5 MS. ANDRIA: Right. I mean, do they
- 6 automatically hit 62 and are retired or something?
- 7 MR. SUTHAR: Honestly, I don't know of any such
- 8 date. Once again, maybe I can defer this, if there is
- 9 such a thing, but as far as I know, there isn't.
- 10 MR. MULKEY: You talked earlier about the
- 11 American Petroleum Institute, and they write the
- 12 standards. They have a standard, API 653, which is tank
- 13 inspection requirements.
- 14 And, essentially, under most circumstances, you
- 15 get into the tanks every ten years. You do a complete
- 16 internal inspection of the entire tank. As long as you
- 17 meet the inspection requirement, you can return the tank
- 18 to service. You know, you could be below. And you
- 19 actually take measurements of thickness in steel,
- 20 measure the bottom of the tank, you know, you take
- 21 measurements all around the tank.
- MS. ANDRIA: Do you do ultrasound?
- 23 MR. MULKEY: They use an ultrasonic thickness
- 24 gauge to measure the thickness of the steel, and they do

- 1 an inspection. And based on what you find, you can
- 2 return the tank to service for another ten years, or it
- 3 may indicate you need to do repairs to the tank. In
- 4 that case, you do repairs to the tank before you return
- 5 it to service.
- 6 MS. ANDRIA: When was yours last done?
- 7 MR. MULKEY: We stagger those inspections
- 8 because, again, you have an operating facility. You
- 9 can't take them all out of service at the same time, so
- 10 you basically cycle through those tanks, and you try to
- 11 get a few tanks every year do an API 653 inspection.
- MS. ANDRIA: In the interest of goodwill to the
- 13 community, could you make those available to us?
- MR. MULKEY: The API 653 inspections?
- MS. ANDRIA: Yes.
- 16 MR. MULKEY: I will have to check. I don't
- 17 have a problem with it, but I got to run all that kind
- 18 of stuff through our legal group.
- 19 MS. ANDRIA: Do you submit reports to the IEPA
- 20 or USEPA?
- MR. MULKEY: On the tank inspections?
- MS. ANDRIA: Yes.
- 23 MR. MULKEY: I'm not really in that group that
- 24 does that. I'm more cleaning stuff up, so I'm not sure.

- 1 MS. ANDRIA: Thank you. We appreciate it if
- 2 you both could look into it and let us know. That is
- 3 all I have. I want to thank you very much for your
- 4 indulging my many questions, and we appreciate your time
- 5 in coming all the way down here in 114, 15, 16 something
- 6 heat index, and we appreciate that we were allowed to
- 7 have it in the basement where it's air conditioning.
- 8 MR. SUTHAR: Thank you.
- 9 MR. MATOESIAN: Thank you, Miss Andria. Is
- 10 there anyone else who would like to ask a question? If
- 11 you could, please approach the podium.
- MR. JACOBY: I'm Don Jacoby, J-a-c-o-b-y. I am
- 13 a village trustee with Hartford. My question is this
- 14 reference on 7.8, the gas and storage wells, what
- 15 exactly are these gas and storage wells you're talking
- 16 about in this permit and how deep are they, and who
- 17 monitors them, because according to back here, it says
- 18 there is no testing requirement, no monitoring
- 19 requirements.
- 20 MR. SUTHAR: I'm sorry. Could I have you
- 21 repeat your question one more time?
- MR. JACOBY: Yes, the gasoline storage wells.
- 23 MR. SUTHAR: Okay. 7.8?
- MR. JACOBY: Right. How deep are these wells,

- 1 and who is monitoring these wells, and how do we know
- 2 that we're not getting more liquid from these wells into
- 3 the Village of Hartford?
- 4 MR. SUTHAR: Well, the facility should be
- 5 monitoring these wells. They have -- they should have
- 6 their own things they do for, you know, monitoring,
- 7 inspecting. It's not necessarily true that there are
- 8 things in this permit or there have to be things in this
- 9 permit. It should be on a goodwill basis and basic
- 10 operating procedure to be doing inspections and
- 11 monitoring on their own, also.
- MR. JACOBY: What type of wells are these? It
- 13 says, gasoline tank wells, but what are they? Are they
- 14 storage tanks, underground storage tanks or --
- MR. SUTHAR: According to their application
- 16 that I received, I was just -- basically, what's
- 17 described is gasoline tank wells, 300-gallon storage
- 18 capacity, basically.
- 19 MR. JACOBY: So they're storing 300 gallons of
- 20 gasoline underground, is that what you're trying to tell
- 21 me?
- MR. SUTHAR: According to the description I
- 23 have, a contractor gasoline storage tank, gasoline tank
- 24 west of maintenance shop, gasoline tank wells, and I can

- 1 defer that question to the facility if they want to
- 2 elaborate on that.
- MR. MULKEY: I don't know. I don't have a good
- 4 answer for that right now. I don't know myself. I
- 5 could check on it. As far as I know, we don't have any
- 6 underground storage tanks here. I thought these were
- 7 above-ground tanks, but I'll have to check on that and
- 8 find out.
- 9 MR. JACOBY: That's all I have.
- 10 MR. SUTHAR: What I put in here is according --
- 11 straight out of their application.
- 12 MR. JACOBY: Could you check into that and find
- 13 out what they're talking about when they say wells,
- 14 because a well, to me, is under the ground.
- 15 MR. SUTHAR: I remember -- I remember myself
- 16 wanting to list these as gasoline storage tanks, and
- 17 then the information, it was -- it was conveyed to me
- 18 that these were -- they wanted to describe these as
- 19 gasoline tank wells. Now that's the way I've done it,
- 20 according to rules and regs that was available to me,
- 21 and according to the description in the application that
- 22 was given to me, I couldn't go any other way with that.
- 23 I don't -- I'm not sure if we have a discrepancy here,
- 24 as far as what really exists or not. Maybe we need to

- 1 clear that up, if we could, with the facility.
- 2 MR. JACOBY: Thank you. That's all I have.
- 3 MR. SUTHAR: Definitely, I can check into that
- 4 some more and check into that.
- 5 MR. MULKEY: I'll check into it.
- 6 MR. JACOBY: Thank you.
- 7 MR. MATOESIAN: Thank you, Mr. Jacoby.
- 8 MS. ANDRIA: I just also wanted to thank the
- 9 gentleman from Premcor for coming and for being
- 10 responsive to our questions.
- MR. MATOESIAN: Okay. Thank you. Do we have
- 12 any further comments or questions? Anyone?
- 13 All right. Then I'll adjourn this hearing.
- 14 Once again, on behalf of Renee Cipriano, Director of the
- 15 Illinois Environmental Protection Agency, the Agency
- 16 itself, and myself, I thank you all for coming. Good
- 17 night.

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1 STATE OF ILLINOIS
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 2 COUNTY OF MARION
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             I, TAMMIE MCNEIL, a Notary Public and Certified
9 Shorthand Reporter for the State of Illinois, do hereby
10 certify that the foregoing is a true and correct record
11 of the proceedings and testimony given before the
12 Illinois Environmental Protection Agency at the Village
13 of Hartford Recreational Building, 715 North Delmar,
14 Hartford, Illinois, on the date of July 13, 2004.
15
16
             IN WITNESS WHEREOF I have hereunto set my hand
17 and affixed my Notarial Seal this
                                            day of
                           2004.
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                    Notary Public - C.S.R.
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